



Application No: GB 0310073.2  
Claims searched: 1 - 20

Examiner: Peter Macey  
Date of search: 21 October 2003

## Patents Act 1977 : Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance	
X	1, 3 - 11, 14 - 16	GB 395321	(BOSCH) see figures 5 and 6
X	1, 3, 4, 7, 9 - 11, 14 - 16	US 4621961	(GULISTAN) see all figures
X	1, 3, 7, 10, 11, 14 - 16	DE 3210147 A1	(HILTI) see figure 6
X	1, 3, 7 - 11, 14 - 16	GB 913272	(UNITED-CARR) see figures 5 and 6
X	1, 3, 7, 10, 11, 14 - 16	GB 2354807 A	(SOUTHCO) see all figures

### Categories:

- |                                                                                                             |                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| X Document indicating lack of novelty or inventive step                                                     | A Document indicating technological background and/or state of the art.                                            |
| Y Document indicating lack of inventive step if combined with one or more other documents of same category. | P Document published on or after the declared priority date but before the filing date of this invention.          |
| & Member of the same patent family                                                                          | E Patent document published on or after, but with priority date earlier than, the filing date of this application. |

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>v</sup>:

F2H, B8B

Worldwide search of patent documents classified in the following areas of the IPC<sup>7</sup>:

F16B

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO